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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/657,894	09/08/2000	Dennis Lee Rice	Rice-1	2805

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EXAMINER

TON, ANABEL

ART UNIT PAPER NUMBER

2875

DATE MAILED: 12/05/2001

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/657,894

Applicant(s)

RICE, DENNIS LEE

Examiner

Anabel M Ton

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 September 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-19 is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-8 and 11-13 is/are rejected.
- 7) ☒ Claim(s) 5, 9 and 10 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4,6-8 and 11-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Grosswiller et al (5,584,560).

3. Grosswiller discloses:

- A housing including a first end; a window in the first end of said housing (21); a lamp disposed within said housing so as to emit light through said window (15); a shaft; and, a positioning assembly secured to said housing;
- The positioning assembly including: a first motor operable to rotate said housing in a first plane with respect to said shaft, and a second motor operable to pivot said housing in a second plane with respect to said shaft (col. 2, lines 47-50);
- The first and second planes are different, the first and second planes are substantially perpendicular to each other (horizontal, perpendicular are inherently perpendicular to each other);
- The housing is substantially cylindrical (11), a vertical adjustment assembly including first and second perpendicular tubular members and a planar portion, said first motor is secured to said planar portion, and said shaft passes through said first tubular portion (fig 5);

- A horizontal adjustment member including a recess for at least partially receiving said second tubular portion and said second motor (fig 5),
- A first gear secured with respect to said shaft, and a second gear being rotatable by said first motor, whereby operation of said first motor causes said first and second gears to engage and rotate said assembly about said shaft in said first plane (fig 5);
- A first section gear being fixed with respect to said positioning assembly and a third gear being rotatable by said second motor, whereby operation of said second motor causes said first section gear and said third gear to engage thereby causing said third gear to travel along said first section gear and pivot said housing in said second plane (figs 8a-c).
- A controller electrically coupled to said first and second motors for selectively operating said first and second motors to orient said window so as to emit light in a plurality of directions in said first and second planes (24).
- A controller secured within said housing and electrically coupled so as to selectively operate said first and second motors (24).

Allowable Subject Matter

4. Claims 14-19 are allowed.
5. Claims 5,9 and 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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6. The following is a statement of reasons for the indication of allowable subject matter: The prior art cited does not disclose the following:

- An elongated neck, wherein said shaft passes through said neck into said housing;
- A washer including a plurality of tabs positioned so as to limit said rotation of said assembly by said first motor;
- The rotation is limited to approximately 380 degrees;
- A section gear secured with respect to said body and engaged by said third gear; wherein, operation of said first motor rotates said assembly about said shaft and operation of said second motor pivots said assembly with respect to said shaft.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anabel M Ton whose telephone number is (703) 305-1084. The examiner can normally be reached on 08:00-16:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on (703) 305-4939. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-3431 for regular communications and (703) 308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Anabel M Ton
Examiner
Art Unit 2875

AMT
November 18, 2001



Sandra O'Shea
Supervisory Patent Examiner
Technology Center 2800